BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK:- Modified Estimate for the Improvements of Roads in DEO- RESIDENCY Layout and Surroundings in ward No. 7 Byatarayanpura, Kodigehalli sub division Job Number :007-15-000038

							ESTIMATED COST		3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
1	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 157, Item No. 21.6)						Sqm		
	C Galaxy Residency Road		1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	15.00	6.00		90.00		
			1	14.50	6.00		87.00		
	D Galaxy Residency Road		1	15.00	9.10		136.50		
			1	15.00	9.10		136.50		
			1	15.00	9.10		136.50		
			1	6.80	9.00		61.20		
	E Deo Residency Layout Road		1	15.00	7.40		111.00		
			1	15.00	7.60		114.00		
			1	15.00	7.50		112.50		
			1	15.00	7.70		115.50		
			1	15.00	7.60		114.00		
			1	15.00	7.50		112.50		
			1	15.00	7.70		115.50		
			1	15.00	7.10		106.50		
			1	15.00	7.50		112.50		
			1	15.00	7.80		117.00		
	F Deo Residency Layout Road		1	15.00	8.00		120.00		
			1	15.00	7.60		114.00		
			1	15.00	7.10		106.50		
			1	15.00	7.50		112.50		
			1	15.00	7.50		112.50		
	G Deo Residency Layout Road		1	6.30	6.30		39.69		
			1	6.40	6.40		40.96		
			1	6.30	6.30		39.69		
			1	6.30	6.30		39.69		
	H Deo Residency Layout Road		1	15.00	7.40		111.00		
			1	15.00	7.60		114.00		
			1	15.00	7.20		108.00		
			1	15.00	7.30		109.50		
			1	15.00	7.50		112.50		

						ESTIMATED COST			3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
			1	15.00	7.50		112.50		
			1	15.00	6.90		103.50		
			1	15.00	7.00		105.00		
			1	15.00	7.20		108.00		
	I Deo Residency Layout Road		1	15.00	6.80		102.00		
			1	15.00	6.60		99.00		
			1	15.00	6.70		100.50		
			1	15.00	6.60		99.00		
	J Deo Residency Layout Road		1	15.00	6.80		102.00		
			1	15.00	7.60		114.00		
			1	15.00	7.60		114.00		
			1	15.00	7.60		114.00		
			1	9.30	7.80		72.54		
	K Deo Residency Layout Road		1	15.00	6.20		93.00		
			1	15.00	6.20		93.00		
			1	15.00	6.50		97.50		
			1	15.00	6.40		96.00		
			1	15.00	6.40		96.00		
			1	15.00	6.30		94.50		
	L Deo Residency Layout Road		1	15.00	5.80		87.00		
			1	15.00	6.00		90.00		
			1	27.00	6.00		162.00		
							5854.27	35.21	**206117.00**
	Basic Rate Rs.	32.60							
	Add 8% A.W Rs.	2.61							
	Total Rate Rs.	**35.21**							
2	KSRRB M500-18. Providing and laying dense Graded bituminous Macadum using crushed agregates of specified grading premixed with VG30grade bituminous binder and transporting the hot mix to work site , laying to the required grade , level and allignment , rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per morth table 500-10 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P With sensor paver Gr-11 (50mm to 75mm) with 4% VG-30Bitumen pg 159 i.no 21.17.4						**Cum**		
	C Galaxy Residency Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	14.50	0.70	0.05	0.51		
	D Galaxy Residency Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	6.80	0.70	0.05	0.24		
	E Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		

Sl No	Description of work	Unit	No	Length	Breadth	Depth	ESTIMATED COST Quantity	Rate in Rs	3500000.00 Amount in Rs
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
F	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
G	Deo Residency Layout Road		1	6.30	0.70	0.05	0.22		
			1	6.40	0.70	0.05	0.22		
			1	6.30	0.70	0.05	0.22		
			1	6.30	0.70	0.05	0.22		
H	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
I	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
J	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	9.30	0.70	0.05	0.33		
K	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
			1	15.00	0.70	0.05	0.53		
L	Deo Residency Layout Road		1	15.00	0.70	0.05	0.53		
			1	27.00	0.70	0.05	0.95		
							29.15	9115.50	265730.00
	Basic Rate Rs.	8440.00							
	Add 8% A.W Rs.	675.20							
	Total Rate Rs.	**9115.20**							

						ESTIMATED COST			3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
3	KSSRB M500 10 Providing and applying tack coat using 80/100 grade bitumen (VG10) in boiler fitted with spray set distrubuter at the rate of 0.2 kg per sqm on existing prepared bitumenous surface cleaned with mechanical broom complete as per specification pg no : 158 Item no : 21.10								
	C Galaxy Residency Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	14.50	1.00		14.50		
	D Galaxy Residency Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	6.80	1.00		6.80		
	E Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
	F Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
	G Deo Residency Layout Road		1	6.30	1.00		6.30		
			1	6.40	1.00		6.40		
			1	6.30	1.00		6.30		
			1	6.30	1.00		6.30		
	H Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
	I Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		

						ESTIMATED COST			3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
			1	15.00	1.00		15.00		
	J Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	9.30	1.00		9.30		
	K Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
	L Deo Residency Layout Road		1	15.00	1.00		15.00		
			1	15.00	1.00		15.00		
			1	27.00	1.00		27.00		
							832.90	14.59	12153.00
	Basic Rate Rs.	13.51							
	Add 8% A.W Rs.	1.08							
	Total Rate Rs.	**14.59**							
4	KSRRB M500-19. Providing and laying bituminous concrete Using crushed agregate of spacifying grading , premixed with bituminious binder and filler , transporting the hot mx to work site , laying with paver finisher to the required grade , level and allignment , rolling with the smooth wheeled vibrator and tandem rollers to archive the desired compaction as per MORTH specification clause no 509 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P with sensor paver Gr - 1 (50mmto 60mm) with 5.5% CRMB 55 (P.161 item no 21.23.3)						Cum		
	C Galaxy Residency Road		1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	15.00	6.00	0.04	3.60		
			1	14.50	6.00	0.04	3.48		
	D Galaxy Residency Road		1	15.00	9.10	0.04	5.46		
			1	15.00	9.10	0.04	5.46		
			1	15.00	9.10	0.04	5.46		
			1	6.80	9.10	0.04	2.48		
	E Deo Residency Layout Road		1	15.00	7.40	0.04	4.44		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.50	0.04	4.50		
			1	15.00	7.70	0.04	4.62		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.50	0.04	4.50		
			1	15.00	7.70	0.04	4.62		
			1	15.00	7.10	0.04	4.26		
			1	15.00	7.50	0.04	4.50		

						ESTIMATED COST			3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
			1	15.00	7.80	0.04	4.68		
	F Deo Residency Layout Road		1	15.00	8.00	0.04	4.80		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.10	0.04	4.26		
			1	15.00	7.50	0.04	4.50		
			1	15.00	7.50	0.04	4.50		
	G Deo Residency Layout Road		1	6.30	6.30	0.04	1.59		
			1	6.40	6.40	0.04	1.64		
			1	6.30	6.30	0.04	1.59		
			1	6.30	6.30	0.04	1.59		
	H Deo Residency Layout Road		1	15.00	7.40	0.04	4.44		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.20	0.04	4.32		
			1	15.00	7.30	0.04	4.38		
			1	15.00	7.50	0.04	4.50		
			1	15.00	7.50	0.04	4.50		
			1	15.00	6.90	0.04	4.14		
			1	15.00	7.00	0.04	4.20		
			1	15.00	7.20	0.04	4.32		
	I Deo Residency Layout Road		1	15.00	6.80	0.04	4.08		
			1	15.00	6.60	0.04	3.96		
			1	15.00	6.70	0.04	4.02		
			1	15.00	6.60	0.04	3.96		
	J Deo Residency Layout Road		1	15.00	6.80	0.04	4.08		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.60	0.04	4.56		
			1	15.00	7.60	0.04	4.56		
			1	9.30	7.80	0.04	2.90		
	K Deo Residency Layout Road		1	15.00	6.20	0.04	3.72		
			1	15.00	6.20	0.04	3.72		
			1	15.00	6.50	0.04	3.90		
			1	15.00	6.40	0.04	3.84		
			1	15.00	6.40	0.04	3.84		
			1	15.00	6.30	0.04	3.78		
	L Deo Residency Layout Road		1	15.00	5.80	0.04	3.48		
			1	15.00	6.00	0.04	3.60		
			1	27.00	6.00	0.04	6.48		
							234.20	12139.20	**2842976.00**
	Basic Rate Rs.	11240.00							
	Add 8% A.W Rs.	899.20							
	Total Rate Rs.	**12139.20**							
5	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No. 178, Item No. 24.15) SR 2014-15						**Sqm**		

						ESTIMATED COST			3500000.00
Sl No	Description of work	Unit	No	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs
	C Galaxy Residency Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	14.50	0.10		2.90		
	D Galaxy Residency Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	6.80	0.10		1.36		
	E Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
	F Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
	G Deo Residency Layout Road		2	6.30	0.10		1.26		
			2	6.40	0.10		1.28		
			2	6.30	0.10		1.26		
			2	6.30	0.10		1.26		
	H Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
	I Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
	J Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		

Sl No	Description of work	Unit	No	Length	Breadth	Depth	ESTIMATED COST Quantity	Rate in Rs	3500000.00 Amount in Rs
			2	15.00	0.10		3.00		
			2	9.30	0.10		1.86		
	K Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
	L Deo Residency Layout Road		2	15.00	0.10		3.00		
			2	15.00	0.10		3.00		
			2	27.00	0.10		5.40		
							166.58	475.20	**79159.00**
	Basic Rate Rs.	440.00							
	Add 8% A.W Rs.	35.20							
	Total Rate Rs.	**475.20**							
									3406135.00
6	Third party inspection charges 1%								**34061.00**
7	Miscelleneous & Rounding off								59804.00
							Toatl Rs.		**3500000.00**

(Rupees:- Thirty Five Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected me and the work is found to be necessary.
2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2014-2015.
3 The Provisions made in the estimate are quite necessary and adequate.
4 The area comes with in the BBMP limits.

Junior Engineer
Ward No. 07

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Executive Engineer
Byatarayanapura Division
BBMP

"Modified Estimate Sanctioned"

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Palike
Bangalore 92

Superintending Engineer
Yelahanka Zone
BBMP, Bangalore 92